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From: Vaughn, Stephanie
Sent: Fri 2/14/2014 8:02:45 PM
Subject: Data summary figures....

Hi Rob,

Below is a preliminary list of the data figures EPA and the Partner Agencies would like to see at the March 6 technical meeting (as possible), or future meetings. Additional requests will likely be added to this list over time, as we become more familiar with the data, but this is a good starting point.

Please let me and Jen know if you have any questions.

Thanks,
Stephanie

1. Sediment concentration figures meeting the following criteria:

a. Separate figures for surface concentrations (0 to 6") and those at depth. For the depth figures in the short term (i.e., for the next meeting if possible), we are particularly interested in seeing the next two intervals as discrete zones for evaluation (0.5' to 1.5' and 2.5' to 3.5'). We are also interested in seeing figures showing the approximate maximum depth of contamination across the riverbed.

b. Separate figures showing data in the mudflats/shoals versus the channel, as well as figures

showing both channel and shoal together.

c. Zoom in on certain key mudflats, such as that round RM 7, for illustration purposes

d. Figures should be shared for each of the following COPCs: Total Dioxin, 2,3,7,8-TCDD, Total PCBs, Mercury, Total DDT, dieldrin, total chlordane, Total PAHS, copper and lead. At a minimum for the next meeting, Total Dioxin, 2,3,7,8-TCDD, Total PCBs, mercury and Total DDT should be included.

For dioxin, data for both 2,3,7,8-TCDD and PCDD/PCDF TEQ should be shown on same figure series.

e. For display purposes, the river should be divided up into manageable sections of about 2 miles in length. As possible, endpoints for segments should take into account river features of particular interest, i.e., not break in the middle of large mudflats, tributary confluences, parks, etc.

f. Also for display purposes, please use draft risk-based or screening-level based cutoffs for the lowest concentration interval or intervals displayed, and then reasonable multiples of these cutoffs after that.

2. Surface Water concentrations over the entire river. We would like to see both maps showing concentrations over approximately 2-mile lengths and x-y plots of concentration versus distance for the entire river.

3. Figures showing the background sediment dataset (including the most recent data), for Total dioxin, 2,3,7,8-TCDD, Total PCBs, copper, mercury, and Total PAHs.

4. Figures showing how well (or not) elevated dioxin concentrations are co-located with the other COPCs, both at the surface and at depth.

